WHAT IS CLAIMED IS:

1. A docking module exchangeable with a battery module of an ultra thin notebook computer, comprising:

a notebook computer including a recess at one end, a first connector at a bottom of the recess, and a second connector at the bottom of the recess;

a parallelepiped battery module including a first cavity at one end for receiving the second connector, and a third connector at one end for coupling to the first connector so that the battery module is adapted to insert into the recess to supply power to the notebook computer for operation; and

a parallelepiped docking module including a second cavity at one end for receiving the first connector, a fourth connector at one end for coupling to the second connector so that the docking module is adapted to insert into the recess for communicating with the notebook computer after removing the battery module from the recess, and a plurality of I/O ports of different functions at the other end, the I/O ports being adapted to couple to a plurality of corresponding connectors.

2. The docking module of claim 1, wherein the battery module further comprises a first groove at one side and a second groove at the other side, a height of the first groove being slightly higher than that of the second groove.

3. The docking module of claim 2, further comprising a locking mechanism proximate the first rail, wherein the locking mechanism comprises:

a latch having one end projected from the first rail at the recess and the other end disposed inside the locking mechanism;

a spring having one end urged against the other end of the latch and the other end urged against an inner wall of the locking mechanism; and

a lever having one end projected from a bottom of the latch and an elongated opening on a bottom of the locking mechanism so that a

manipulation of the lever will cause the latch to either compress or expand the spring for unlocking or locking the latch.

4. The docking module of claim 3, further comprising a circuit board inside the battery module, the circuit board being coupled to the third connector, a first groove on one side of the battery module, a second groove on the other side of the battery module, a height of the first groove being slightly higher than that of the second groove, and a first locking hole proximate the first groove, whereby correctly sliding the first groove and the second groove along the first rail and the second rail at the recess respectively and extending the latch in the first locking hole will lock the battery module in the recess.

5. The docking module of claim 3, wherein the docking module further comprises a third groove at one side, a fourth groove at the other side, a height of the third groove being slightly higher than that of the fourth groove, and a second locking hole proximate the third groove so that correctly sliding the third groove and the fourth groove along the first rail and the second rail at the recess respectively and extending the latch in the second locking hole is adapted to lock the docking module in the recess.

6. The docking module of claim 5, wherein the docking module further comprises a long cable adapter having one end coupled to the fourth connector and the other end coupled to the second connector at the recess so that the notebook computer is adapted to move to a distal place by pulling the cable adapter in operation.